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**From:** Wagner, Amy [Wagner.Amy@epa.gov]  
**Sent:** 3/2/2017 9:17:28 PM  
**To:** Tucker, Colby [Tucker.WilliamC@epa.gov]; Sturges, Susan [Sturges.Susan@epa.gov]  
**CC:** Nagle, Greg [Nagle.Greg@epa.gov]; AUBUCHON, ELIZABETH [aubuchon.elizabeth@epa.gov]  
**Subject:** Re: SoCal Oil Platforms

Hi Colby,

I have ordered abalone and worked out a schedule in the lab for next week. We are available to take toxicity samples shipped on Monday (1-4 samples) and Tuesday (1 sample). It looks like no one is available to take down the test after 48 hours over the weekend of March 12, but go ahead and take a VOA vial for Platform Elly just in case availability changes.

Just a reminder, the VOA vials for VOA samples and toxicity should not be preserved. Since most produced water samples are hot (sometimes in excess of 180 degrees), they should be cooled first in a cold water bath during transport (ziplock filled with ice and water). It would also be a good idea to bring a couple extra VOA vials since they sometimes break due to heat.





Please ship the VOA and toxicity samples with ample ice in a cooler by overnight delivery the next morning to the R9 Lab. I would suggest contacting UPS regarding sample pickup times and requirements for airbills - the UPS stores have a strange policy about denying hand-written airbills for shipping.

Since the VOA samples will not be preserved, the Chain of Custody form should specify a 7-day extraction.

Let me know if you need any more info for preparation for next week.

Amy

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**From:** Tucker, Colby  
**Sent:** Tuesday, February 28, 2017 12:18:41 PM  
**To:** Sturges, Susan  
**Cc:** Wagner, Amy; Nagle, Greg; AUBUCHON, ELIZABETH  
**Subject:** RE: SoCal Oil Platforms

Thank you everyone for the last minute effort to try to put together this round of oil and gas platform sampling. Below is a tentative sampling schedule, and those platforms outside of parentheses can be definitely sampled. I spoke with Greg not too long ago and the immediate plan is for my colleague Beth and me to visit the lab on Thursday to review sampling protocols and pick up bottles, etc. Hopefully by then, I'll have a better idea of what platforms we'll be heading as well.

Monday March 6

Hogan/Houchin (combined effluent) @ La Conchita Treatment Plant (on-shore)  
(Platform A, Hillhouse, and/or B – if time allows, depending on boat schedule)

Tuesday March 7

Gail

Thursday March 9

Elly (with Eureka and Ellen as combined effluent)

Thanks,  
Colby

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**From:** Sturges, Susan

**Sent:** Tuesday, February 28, 2017 11:12 AM

**To:** Tucker, Colby <Tucker.WilliamC@epa.gov>

**Cc:** Wagner, Amy <Wagner.Amy@epa.gov>; Nagle, Greg <Nagle.Greg@epa.gov>

**Subject:** SoCal Oil Platforms

Hi Colby –

Nice talking with you today. Amy sent an email to me indicating she has a call with you today, so looks like she's still planning on taking it – I wasn't sure if she was working today.

I don't have a recent RSCC form filled out for the SoCal oil platforms, but can share what we have in our database for 2016 analyses below (see tables below following email text).

Jim Salmons usually targeted about two platforms for each sampling event. Your best source for which analyses are necessary by platform name is found in Table 4-1 Request for Analysis in the oil platform sampling plan – the table lists analyses, necessary containers and preservation, and number of containers.

If you want us to prep a cooler for you to send back with the lab's interoffice mail tomorrow Wed 3/1, send an email to me and Greg identifying which platforms you are sampling/analyses you are collecting and one of us can pull supplies together in a cooler. Malcolm arrives early for his pick-ups, so ensure you send it early today so we have ample time to pull supplies and a cooler for you.

Toxicity is really the only limiting factor – you need to make sure Amy has enough time to know which platforms you are targeting to prep. The other analyses are straight forward and we can accept samples without issue.

Keep me posted after your call with Amy today.

Thanks, Susan

**Project No. R16N02**

**Platforms for 2016: A/B/C, Gilda/Gina, and Hogan/Houchin**

	Platform	Cr/Cu/Zn	Sulfide	Ammonia	VOCs	SVOCs	Oil & Grease	Toxicity
1	A	1				2	2	2
2	B					2	2	2
3	C						2	2
9	GILDA	1	1			2	2	2
10	GINA	1		1		2	2	2
11	GRACE						2	2
20	HOGAN	1			3	2	2	2
22	HOUCHIN						2	2

Analysis (method, CLP SOW number, or R9 Lab SOP number)	Matrix	No. of samples <sup>a</sup>	TAT*	Lab
VOC (8260) , Benzene Only	Water	3	21	R9L
SVOC (8270) (limited PAH list)	Water	10	21	R9L
Chromium, copper, zinc	Water	4	21	R9L
Undissociated Sulfide (376.1)	Water	1	21	R9L
Ammonia (350.2)	Water	1	21	R9L
Oil & Grease (413.1) – need to subcontract	Water	16	21	SUB
Toxicity (Red Abalone)	Water	16	21	R9L

**Turn Around Times:**

Preliminary results: 21 days

**Data Distribution:**

Eugene Bromley, David Panzer and Greg Nagle

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